Abstract

An image processing apparatus comprising image capturing means for capturing a plurality of images, adjacent ones of which partially overlap with each other, overlap region determining means for determining an overlap region, first region determining means for determining a first region within the overlap region determined, first pixel value determining means for determining a pixel value in the first region based on a pixel value of one of the two adjacent images, second pixel value determining means for determining a pixel value in a second region within the overlap region based on respective pixel values of the two adjacent images, and image joining means for joining the two adjacent images with each other by utilizing the determined pixel value in the first region and the determined pixel value in the second region as pixel values in respective regions of the overlap region.